IN THE CLAIMS

1 through 19. (Cancelled)

20. (Previously Presented) An intrusion detection system for an environment being monitored by at least one sensor, wherein the environment includes a computer system, the intrusion detection system comprising:

a face detection module coupled to the at least one sensor, the sensor providing sensor input to the face detection module such that one or more faces are detectable;

a face recognition module for comparing a detected face to a known database of faces and for identifying a scenario in which a high likelihood of illegitimate access to the environment exists; and

an electronic control module for initiating a preemptive data backup of the computer system in response to the identification of a scenario in which a high likelihood of illegitimate access to the environment exists.

21. (Original) The system as claimed in claim 20, wherein the at least one sensor comprises an image monitoring system.

22. (Original) The system as claimed in claim 21, further comprising a change detection module for processing at least one image signal from the image monitoring system.

23. (Original) The system as claimed in claim 22, further comprising a tracking module for receiving an output signal from the change detection module.

24. (Original) The system as claimed in claim 23, further comprising a head detection module capable of receiving an output signal from the tracking module.

25 through 30. (Cancelled)

2